

A Reliable Research Partner in Life Science and Medicine

Elab Fluor® Violet 450 Anti-Human CD62L Antibody[HI62L]

Catalog Number: E-AB-F1336Q

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

Reactivity Human Mouse Host

Isotype Mouse IgG2a, ĸ

Clone No. HI62L

Isotype Control Elab Fluor® Violet 450 Mouse IgG2a, κ Isotype Control[C1.18.4] [Product E-AB-

F09802Q1

Conjugation Elab Fluor® Violet 450

Conjugation Information Elab Fluor® Violet 450 is designed to be excited by the violet laser (405 nm) and

detected using an optical filter centered near 450 nm (e.g., a 450/45 nm bandpass filter).

Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer. Storage Buffer

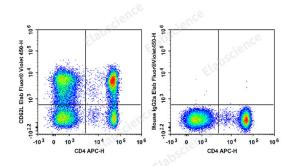
Applications Recommended usage

FCM Each lot of this antibody is quality control tested by flow cytometric analysis. The amount

of the reagent is suggested to be used 5 µL of antibody per test (million cells in 100 μL staining volume or per 100 μL of whole blood). Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for

individual use.

Data



Human peripheral blood lymphocytes are stained with APC

Anti-Human CD4 Antibody and Elab Fluor® Violet 450 Anti-Human CD62L Antibody[HI62L] (Left). Lymphocytes are stained with APC Anti-Human CD4 Antibody and Elab Fluor

Preparation & Storage

Storage Keep as concentrated solution.

This product can be stored at 2-8°C for 12 months. Do not freeze.

Shipping Ice bag

Antigen Information

Alternate Names L-selectin; Sell; CD62 antigen-like family member L; LAM-1; LECAM1; Lymph node

homing receptor;Ly-22;CD62L;Lnhr;Ly22

Uniprot ID P14151

For Research Use Only

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[®] Violet 450 Mouse IgG2a, κ Isotype Control (Right).

Elabscience Bionovation Inc.



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Gene ID Background 6402

CD62L is a 74-95 kD single chain type I glycoprotein referred to as L-selectin or LECA M-1. It is expressed on most peripheral blood B cells, subsets of T and NK cells, monocytes, granulocytes, and certain hematopoietic malignant cells. CD62L binds to carbohydrates present on certain glycoforms of CD34, glycam-1, and MAdCAM-1 and with a low affinity to anionic oligosaccharide sequences related to sialylated Lewis X (sLex, CD15s) through its C-type lectin domain. CD62L is important for the homing of naïve lymphocytes to high endothelial venules in peripheral lymph nodes and Peyer's patches. It also plays a role in leukocyte rolling on activated endothelial cells.

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